ABSTRACT OF THE DISCLOSURE

In a testing system, a hybridization pattern is read from a DNA microarray containing a first DNA probe group (region B) which can be used to identify a

5   subject and a second DNA probe group (region A) which can be used to test the health condition of the subject. A pattern corresponding to the first DNA probe group is analyzed from the read hybridization pattern to identify the subject. A pattern

10 corresponding to the second DNA probe group is analyzed from the read hybridization pattern to generate test information.